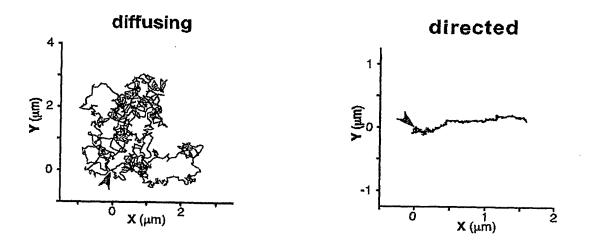


FIGURE 1



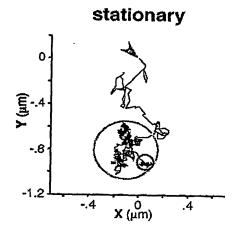
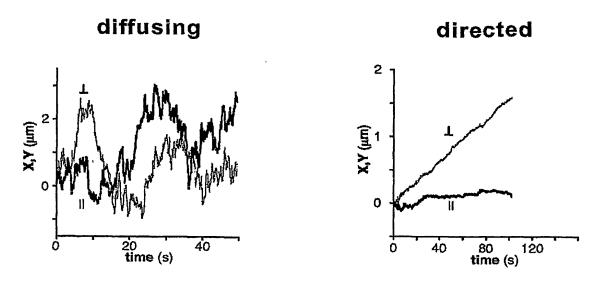


FIGURE 2A



stationary

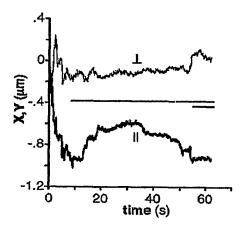


FIGURE 2B

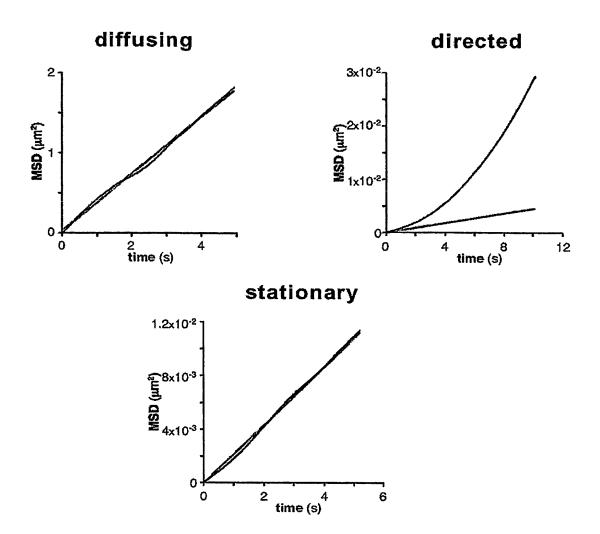


FIGURE 2C

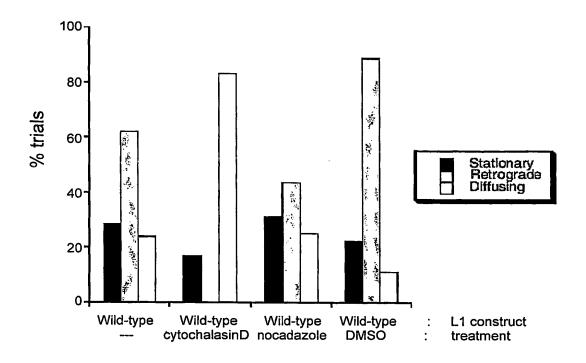


FIGURE 3A

WO 2004/112728

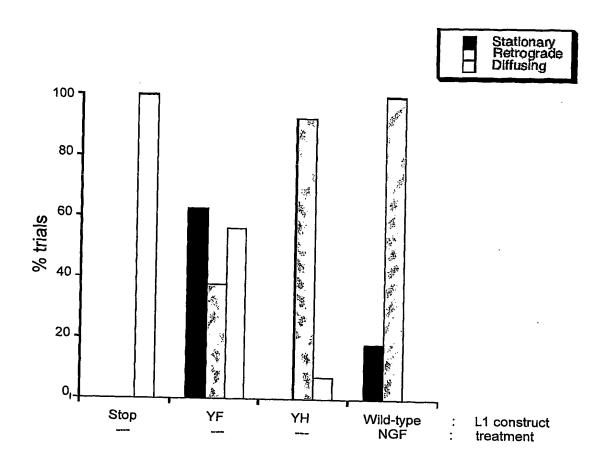


FIGURE 3B

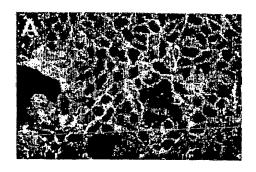


FIGURE 4A

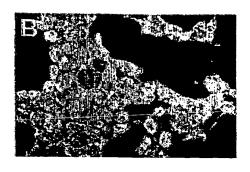


FIGURE 4B

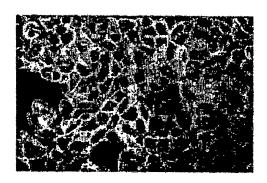


FIGURE 4C

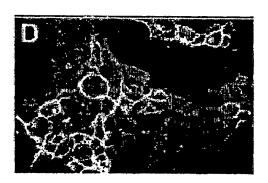


FIGURE 4D

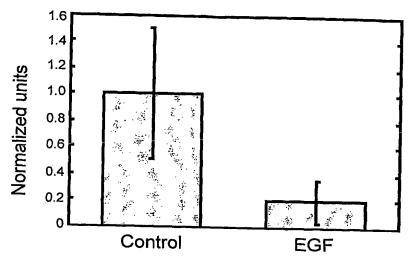


FIGURE 4E

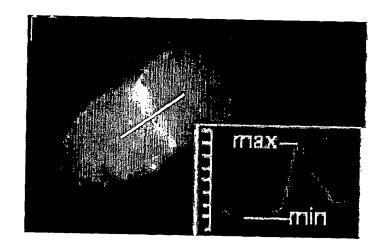


FIGURE 4F

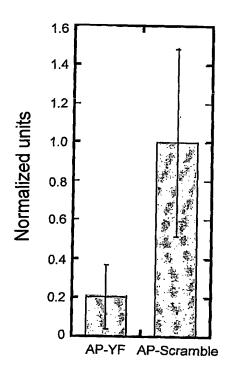


FIGURE 5A

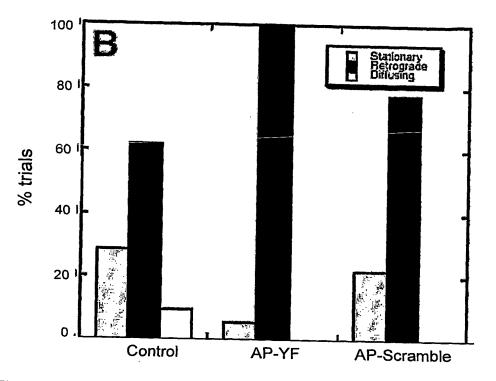


FIGURE 5B

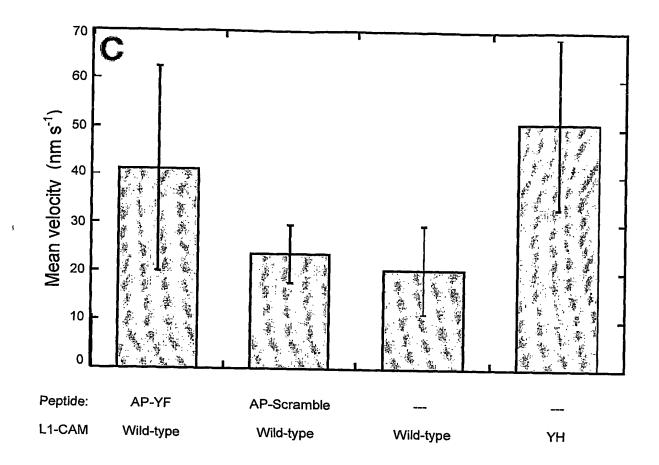


FIGURE 5C

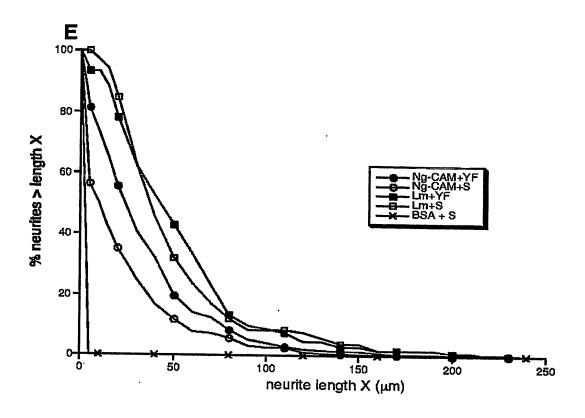


FIGURE 6

1	GCTAGCTAT	GTCGTGATG	C TGCGGTACG	т стессопом	a	A GCCCCTGCCT
61	GCTCATACA	G ATTCCTGAT	G ААТАТАААС	G ACACCAMOM	C CTCCTCTGC	A GCCCCTGCCT C CTGTCATCAC
121	GGAACAGTC	T CCACGGCGC	C TGGTTGTCT	T CCCNNCNCN	A CTAGAGCCA	C CTGTCATCAC C TCAAATGTGA
181	AGCCAGAGG	C AGACCCCAA	G TGGAGTTCC	CTCCAACAGA	GACATAAGC	C TCAAATGTGA C ACTTCAAACC
241	TAAGGAAGA	A TTGGGTGTA	G TGGTACACC	A CCCACCOMA	A GATGGCATC	C ACTTCAAACC F TCACCATCGA
301	AGGCAACAA	C AGCTTTGCC	C AGAGGTTTC	A CCCCARCETA	T' T'CTGGCTCC	TCACCATCGA CCAGCAATAA
361	TCTAGGAAC	T GCCATGTCG	C ATGAGATCC	A COTTOTTO	CGCTGCTAT(	G CCAGCAATAA C CCAAATGGCC
421	GAAGGAGAC'	T GTAAAACCC	G TGGAAGTGG	A GCICGIGGC	GAGGGTGCC	C CCAAATGGCC C TACCTTGCAA
481	TCCTCCACC	C AGTGCAGCC	C CACTTAGGA	r CTACTCAGAGA	1 TCAGTAGTT(	TACCTTGCAA TTTTGCACAT
541	CAAACAAGA'	I GAGCGGGTG	F CCATGGGCC	CIACIGGATO	AACAGCAAG	A TTTTGCACAT  CCAATGTGCT
601	TACCTCAGA	C AATCATTCA	ACTACATOTO	CANTOGAGA	CTATATTTTC	CCAATGTGCT CCCGGACCAT
661	CATTCAAAA	GAACCTATT	ACCTCCGGG	CAMIGUCUA(	TTCCCTGGC	CCCGGACCAT TTGACCGGAA
721	GCCACGCCT	G CTCTTCCCC	A CAAACTCCAC	CAAGCCCACC	AACAGCATGA	TTGACCGGAA AGGGCCAGTC
781	ATTAATCCT	GAGTGCATTC	CTGAGGGATT	CAGICACCTC	GTGGCCTTGC	AGGGCCAGTC GGCTGCACCC
841	CAGTGACCC	T ATGCCAACAC	ACCGTGTTAT	OUDACACACACACACACACACACACACACACACACACACAC	ACCATCAAGT	GGCTGCACCC CACTGCAGCT
901	CCTCAATGT	GGCGAGGAAG	ATGATGGCC	CTACCAGAAC	CATAACAAGA	CACTGCAGCT ACTCACTGGG
961	CAGTGCTCGC	CATGCCTACT	ATGTCACTC	GIAIACCIGC	CTTGCTGAGA	ACTCACTGGG TGCAGAAGCC
1021	CCAGAGTCAT	TTGTATGGGC	CAGGAGAGA	TCCCCCCCCCCC	CCATACTGGC	TGCAGAAGCC TCCAGGGCAG
1081	GCCCCAACC	GAGGTCACTT	GGAGAATCAA	CCCAARCRA	GACTGCCAAG	TCCAGGGCAG TGAACAAGGA
1141	CCAGAAGTAC	CGGATTGAGC	AGGGGTCTTT	COGAATGICI	ATAGAGAAGG	TGAACAAGGA CAAGTGACAC
1201	AATGGTGACC	CAGTGTGAAC	CTCGCAACCA	GCATCCTGAGT	AATGTGCAAC	CAAGTGACAC ATGCCTATAT
1261	CTATGTTGTC	CAGCTGCCAG	CCAGGATCCT	r GCWIGGGG.I.C	CTACTAGCCA	ATGCCTATAT ACATGGCAGT
1321						
1381	GTGGCTGGAT	' GAGGAAGGAA	CCACAGTGCT	TCACCATTCGA	GCTCCTGTTC	CCAGTGTCCA CCTATGCCAA
1441						
1501	TGCCAATGAC	CAGAACAATG	TGACCATTTT	CAAIGACACI.	GGACGCTATT	TCTGCCAGGC AAGCAACCCA
1561	GATCACACAA	GGACCCCGGA	GCACAATTCA	CAACAAACCTA	CAGGTTAAAG	AAGCAACCCA CATTCACGTG
1621	CCAGGCCTCC	TTTGACCCCT	CTTTACAAGC	CACCARCA CE	GCAAGGGTGA	CATTCACGTG ATGGGAGAGA
1681	CCTCCAGGAA	CGTGGAGACA	GTGACAAGTA	TUTCATICACT.	TGGCGTGGAG	ATGGGAGAGA TTGTCATCCA
1741	GAGCCTGGAC	TACAGTGACC	AGGGCAACTA	CACTTCTTCTCTC	GATGGGCAAC	TTGTCATCCA AACTGGATGA
1801	GGTGGAGAGC	AGGGCACAAC	TCTTAGTGGT	CECTIGICIO	GCCAGCACTG	AACTGGATGA CTCACCTGGA
1861	GCTGTCCGAC	CGCCACTTGC	TGAAGCAGAG	CCAGGAGCCCT	GGGCCAGTGC TTGTCTTGGA	CTCACCTGGA
1921	AGACCACAAC	TCTCCCATTG	AGAAATATGA	CATTCAATTCA	TTGTCTTGGA GAGGACAAGG	GCCCTGCTGA
1981	TGAGAAATGG	TTCAGTCTAG	GCAAGGTGCC	ACCA A ATCAC	GAGGACAAGG ACCTCTACTA	AAATGGCTCC
2041	GTCCCCCTAT	GTCCACTATA	CCTTTCGGGT	CACTCCCATT	ACCTCTACTA AACAAATATG	CCCTCAAGCT
2101	ACCCAGCCCT	GTCTCTGAGA	CTGTAGTCAC	ACCTGCCATT	AACAAATATG GCCCCAGAGA	GTCCCGGAGA
2161	GGATGTGAGA	GGGGAAGGAA	ATGAGACCAA	CAATATCCTC	GCCCCAGAGA ATCACATGGA	AGAACCCTGT
2221	GTGGATGGAT	TGGAATGCCC	CCCAGATTCA	GTA CCCTCTTA	ATCACATGGA CAGTGGCGAC	AGCCCCTTCG
2281	ACAAGAGACC	TGGAAGGAAC	AGACCGTGAG	CGACCCCTTTC	CAGTGGCGAC CTGGTGGTGT	CACTGGGCAA
2341	CACATTTGTG	CCTTATGAGA	TCAAAGTCCA	GGCAGTCAAG	CTGGTGGTGT AACCAGGGGA	CTAACACTTC
2401	GCCCCAGGTC	ACCATTGGCT	ATTCAGGGGA	ACACTA CCCC	AACCAGGGGA CAGGTGAGCC	AGGGCCCTGA
2461	AGACATCACA	ATCTTCAACT	CAAGCACTCT	GCTGCTACCCC	CAGGTGAGCC TGGAGGCCTG	CTGAGCTTGA
2521	CCAGGTTAAG	GGCCACCTCA	CCCCAMAGAA	GCIGGICAGG	TGGAGGCCTG	TGGACTTGGC
2581	AAAGCACAGC	AAGAGGCATC	TOUR OF THE	TGTAACGTAC	TGGTGGAAGG	GCAGTCAGAG
2641	TGCCATCCTC	AGTGGTTTGC	GTCCTTACAC	TOWCHIGGIG	GTACCTGCGA GTGGAGGTAC	ACACCACCAG
2701	TGGGCGGGGC	TTAGGGCCTG	CAAGTGAATG	CTCTTWICE!	GTGGAGGTAC ACCCCAGAGG	AGGCCTTTAA
THE CALL				OTTOOT TONGE	ACCCCAGAGG	GAGTGCCTGG

## FIGURE 7A

2761	CCACCCTGAG	GCATTACATC	TGGACTGGGA	CECCCO CO		
2821	GCCACCACTC			GTCGGACACT	AGCCTGCTAC	TGCACTGGCA
2881			GAGTGCTCAC		CTCTCTTACC	ATCCCTTGGA
		AAAGAGCAGT	TGTTCTTCAA	CCTTTCGGAC	CCAGAGCTCC	GGACTCATAA
2941		CTCAACCCTG	ATCTACAGTA	CCGCTTCCAG	CTTCAGGCCA	<del>-</del>
3001	GGGTCCTGGT	GAGGCCATTG	TGCGTGAAGG	AGGCACTATG	GCCCTATTTG	
3061	TTTTGGCAAC	ATTTCAGTCA		AAACTACAGT		GCAAGCCAGA
3121	GGAGGGCCAG	TGCAATTTCA	GGTTCCACAT		GTGGTCTCCT	GGGTCCCTCG
3181	GAGCCCTGAT	CACCAGCCTC		CCTGTTCAAA	GCCTTGCCAG	AAGGGAAAGT
3241			AGCCTCAATA	TGTGAGCTAC	AATCAGAGCT	CCTACACACA
		CAGCCTGACA	CCAAATATGA	GATCCACCTG	ATGAGGGAGA	AGGTCCTCTT
3301	GCACCATCTG	GCTGTGAAGA	CTAATGGCAC	TGGCCCCGTG	CGAGTGTCGA	CTACCGGTAG
3361	CTTTGCCTCC	GAGGGCTGGT	TCATCGCCTT	TGTCAGTGCT	ATCATTCTCT	TGCTCCTCAT
3421	CCTGCTCATC	CTCTGCTTCA		CAAGGGCGGC	AAATATTCAG	<del></del>
3481	GGAGGACACT	CAGGTAGATT		GCCCATGAAA		TGAAGGACAA
3541	CAGGTCCCTG			··	GACGAGACCT	TCGGCGAGTA
3601					AGCAGCCAGC	CATCTCTCAA
		AAACCCCTAG	GCAGTGATGA	CAGTCTGGCT	GATTATGGGG	GCAGTGTGGA
3661		AATGAGGATG	GCTCTTTCAT	CGGCCAATAC	AGTGGCAAAA	AAGAGAAGGA
3721	GGCAGCGGGA	GGCAATGACA	GCTCAGGGGC	TACCTCTCCT	ATCAATCCTG	CAGTAGCCCT
3781	AGAA <i>TAG</i> CAA	GCTCGAG	_			CUGINGCCCT

## FIGURE 7B

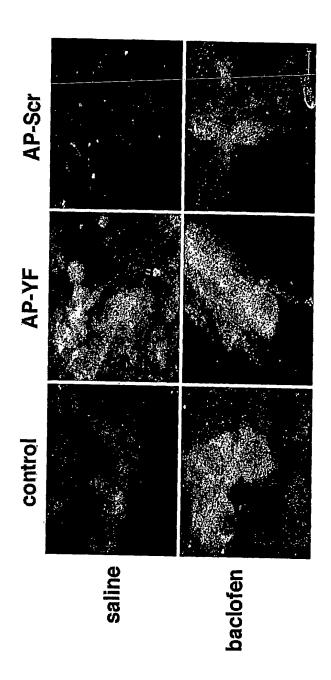
1	MV <b>V</b> ML <b>R</b> YV <b>W</b> P	LLLCSPCLLI	<u>Q</u> IPDEYKGHH	VLEPPVITEQ	SPRRLVVFPT
51	DDISLKCEAR	GRPQVEFRWT	KDGIHFKPKE	ELGVVVHEAP	YSGSFTIEGN
101	NSFAQRFQGI	YRCYASNNLG	TAMSHEIQLV	' AEGAPKWPKE	TVKPVEVEEG
151	ESVVLPCNPP	PSAAPLRIYW	MNSKILHIKQ	DERVSMGQNG	DLYFANVLTS
201	DNHSDYICNA	HFPGTRTIIQ	KEPIDLRVKP	TNSMIDRKPR	LLFPTNSSSH
251	LVALQGQSLI	LECIAEGFPT	PTIKWLHPSD	PMPTDRVIYQ	NHNKTLQLLN
301	VGEEDDGEYT	CLAENSLGSA	RHAYYVTVEA	APYWLQKPQS	HLYGPGETAR
351	LDCQVQGRPQ	PEVTWRINGM	SIEKVNKDQK	YRIEQGSLIL	SNVQPSDTMV
401	TQCEARNQHG	LLLANAYIYV	VQLPARILTK	DNQTYMAVEG	STAYLLCKAF
451	GAPVPSVQWL	DEEGTTVLQD	ERFFPYANG <b>T</b>	LGIRDLQAND	TGRYFCQAAN
501	DQNNVTILAN	LQVKEATQIT	QGPRSTIEKK	GARVTFTCQA	SFDPSLQASI
551	TWRGDGRDLQ	ERGDSDKYFI	EDGQLVI <b>Q</b> SL	DYSDQG <b>N</b> YSC	VASTELDEVE
601	SRAQLLVVGS	PGPVPHLELS	DRHLLKQSQV	HLSWSPAEDH	NSPIEKYDIE
651	FEDKEMAPEK	WFSLGKVPGN	QTSTTLKLSP	YVHYTFRVTA	INKYGPGEPS
701	PVSETVVTPE	AAPEKNPVDV	RGEGNETNNM	VITWKPLRWM	DWNAPQIQYR
751	VQWRPLGKQE	TWKEQTVSDP	FLVVSNTSTF	VPYEIKVQAV	NNQGKGPEPQ
801	VTIGYSGEDY.	PQVSPELEDI	TIFNSSTVLV	RWRPVDLAQV	KGHLRGYNVT
851	YWWKGSQRKH	SKRHVHKSHM	VVPANTTSAI	LSGLRPYSSY	HVEVQAFNGR
901	GLGPASEWTF	STPEGVPGHP	EALHLECQSD	TSLLLHWQPP	LSHNGVLTGY
951	LLSYHPLDGE	SKEQLFFNLS	DPELRTHNLT	NLNPDLQYRF	QLQATT <b><i>Q</i></b> QGP

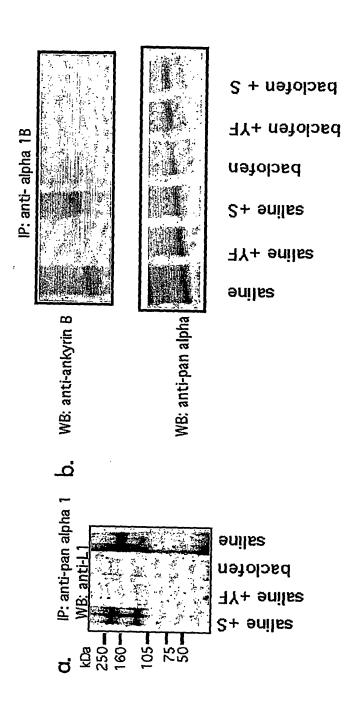
## FIGURE 8A

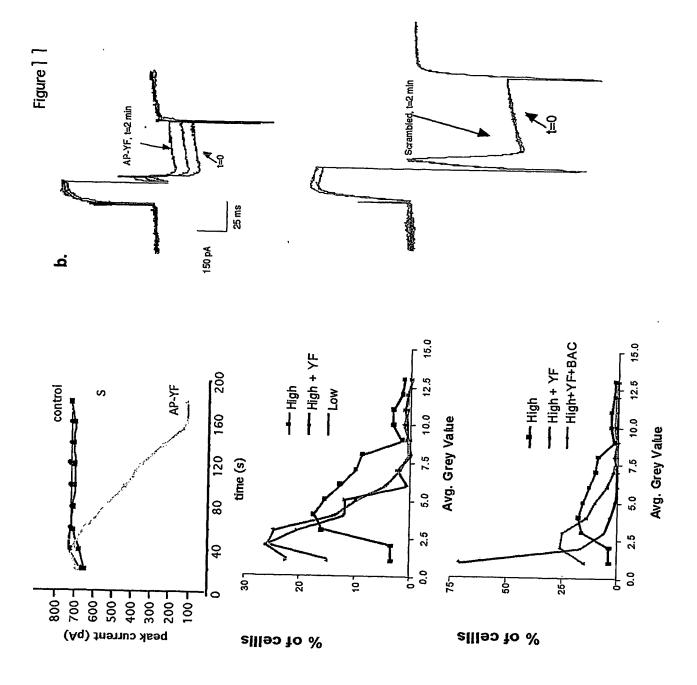
1001	GEAIVREGGT	MALFGKPDFG	NISVTAGENY	SVVSWVPREG	QCNFRFHILF
1051	KALPEGKVSP	DHQPQPQYVS	YNQSSYTQWD	LQPDTKYEIH	LMREKVLLHH
1101	LAVKTNGTGP	VRVSTTGSFA	SEGWFIAFVS	AIILLLLILL	ILCFIKRSKG
1151	GKYSVKDKED	TQVDSEARPM	KDETFGEY <b>RS</b>	<b>LE</b> SDNEEKAF	GSSQPSLNGD
1201	IKPLGSDDSL	ADYGGSVDVQ	FNEDGSFIGQ	YSGKKEKEAA	GGNDSSGATS
1251	PINPAVALE				

## FIGURE 8B

Figure 9



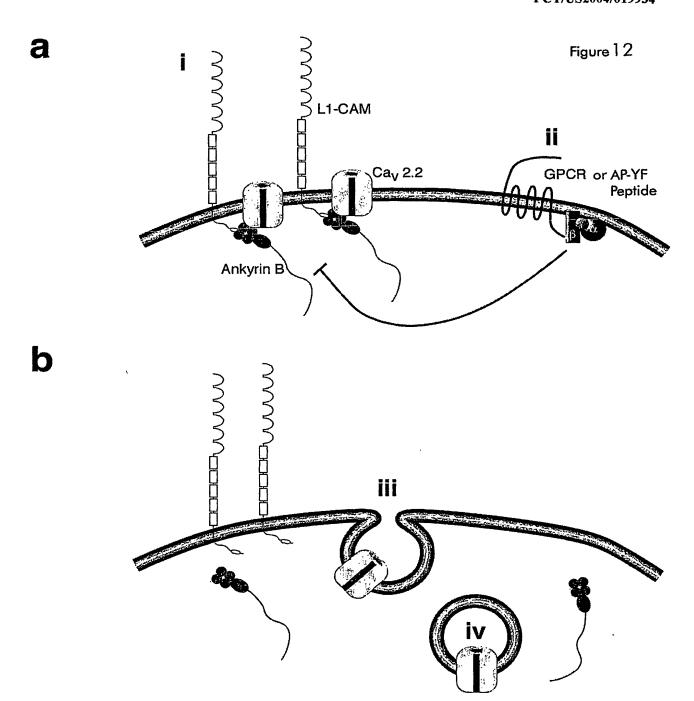




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